全球智慧教育大会
Global Smart Education Conference

2025

Global Smart Education Conference

Human-AI Collaboration: Reshaping the Educational Ecosystem for the Future

Beijing·China

08.18 - 08.20

全球智慧教育合作联盟
Global Smart Education Network

BACKGROUND

The integration of new technologies in education for deepening digital transformation is a matter of priority.

The emergence of new technologies, such as quantum computing, big data, and artificial intelligence, is transforming various sectors of human life, while also reshaping the organizational and service models of education. Intelligent technologies are emerging as a leading force in driving educational transformation, offering opportunities for accelerating progress towards achieving the sustainable development goals.

The Global Digital Compact, endorsed at the United Nations Future Summit, highlights the international community's shared commitment to addressing the opportunities and challenges of digital technology for building an inclusive, open, fair, and secure digital future. As a follow up to the Global Digital Compact (2024), UNESCO and international partners have proposed six priorities for the digital transformation of education: i) coordination and leadership; ii) connectivity and infrastructure; iii) costs and sustainability; iv) capacity and culture; v) content and solutions and vi) data and evidence.

China has positioned the advancement of educational digitalization as a key component of educational modernization. This has evolved from the "3C" concept of connectivity first, content as the core, and collaboration as essential, to the "3I" actions of integration, intelligence, and internationalization. These actions are part of a broader strategy to advance the national digital education strategy, build a national smart education platform, and launch an international version. As a result, a new form of smart education has emerged, characterized by technology empowerment, green development, and open cooperation.

With the rapid pace of developments in technology, the education system is currently at a critical juncture, shifting from responding and adapting to external changes to proactively driving the transformation of education that is fit for the needs of contemporary realities. This shift requires us not only to focus on the direct application of intelligent technologies but also to understand the underlying logic of educational transformation, and cultivate talent that is ready and resilient shape the uncertain future. A key issue for the development of education in the new era is to recognize the need for a paradigm shift in the education and training ecosystem by harnessing the

A key challenge for the development of education in this new era is recognizing the need for a paradigm shift in the education and training ecosystem, leveraging the tremendous potential of human-AI collaboration.
This transformation will need to occur at all levels—policy, administration, the role of the teacher, pedagogy, assessment, student well-being, and opportunities for livelihoods—with a strong emphasis on fostering innovation, creativity, and talent development. Moving forward, it is essential to promote the ethical, responsible, and safe integration of technologies such as artificial intelligence into the educational ecosystem, ensuring that no one is left behind.

The integration of AI in education can foster new forms of human-AI collaborations.

The rapid development of generative AI, particularly pre-trained large language models (such as ChatGPT, DeepSeek, Grok, and others), has elevated the technological revolution to unprecedented levels. These AI models mark a historic inflection point in machine intelligence, not only accelerating the systemic transformation of educational paradigms but also providing a fresh impetus for redefining human-AI collaborative education. DeepSeek R1's open-source strategy has lowered technological barriers, fostering an inclusive global environment that promotes free exploration and innovation among developers. This has catalyzed the creation of an "AI + education" ecosystem, characterized by openness, co-creation, and rapid iteration.

As generative AI evolves at an extraordinary pace, human-AI collaboration is set to become the ‘new normal’ in future work environments. To meet the societal demand for higher-order cognitive skills, innovation, and digital fluency, new models of knowledge generation and transmission are needed. This paradigm shift, driven by human-AI interactions, is poised to give rise to a transformative educational model.

With the advanced capabilities of large language models, intelligent agents will drive the evolution of multi-domain, human-AI"collaborative teaching." This will facilitate bi-directional empowerment through human-AI" collaborative learning and decision-making," creating a new ecosystem for smart education. The traditional "teacher-student" model will rapidly transform into a "teacher-student-machine" triad, fostering a multidimensional co-existence and interaction model known as "human-AI co-teaching."
For learners, the process will shift from passive knowledge absorption to active human-AI collaborative exploration, exemplifying "human-AI co-learning."

Looking ahead, it is crucial to continually

enhance the competencies and skills of both teachers and students, along with the digital leadership capabilities of educators and administrators. This includes establishing effective human-AI collaborative educational practices and developing technical, quality, and service standards for generative AI applications. These efforts will ensure the safe, efficient, and sustainable use of large models and intelligent agents in education.

Smart education is a shared strategic vision for achieving the Sustainable Development goals in education.

Smart education is a comprehensive approach that represents the future direction of educational transformation, driven by technological innovations. It is increasingly emerging as a shared strategic vision for countries to tackle the critical challenges of the digital era and advance the achievement of sustainable development goals in education. Often seen as an optimization of existing educational practices, smart education is frequently associated with terms such as "quality education" and "future education."

As a concept that is continuously evolving, smart education not only reflects the dynamic nature of the educational ecosystem in response to social and technological advancements, but also embodies the core principles of future education. At its core, smart education fosters innovation through the integration of technology and pedagogy with a human-centered approach. This means that smart education emphasizes student-centered pedagogy, comprehensive learning assessment models, pervasive smart and safe learning environments, a culture of continuous improvement, and a strong commitment to inclusion and equity.

Moreover, smart education focuses on proactively developing student communities, prioritizing teacher professional development, and ensuring the ethical and sustainable use of technology through effective collaborations. Advancing the digitalization of education and innovating smart education requires cultivating a digital mindset within the education system, strengthening digital support capabilities, enhancing public digital learning services for all, and establishing clear norms and standards for the quality of content and services in digital learning.

In this context, the GSE Conference will explore how to fully leverage the power of the digital revolution to drive global educational reform, ensuring that high-quality education and lifelong learning for all remain fundamental goals of this transformation.

GSE 2025
Opening Doors, Fostering Collaborations

Since 2020, the Global Smart Education Conference (GSE) has become a significant platform for fostering international exchange and collaboration on smart education. To promote the effective practice of smart education worldwide, Beijing Normal University (BNU), in collaboration with the UNESCO Institute for Information Technologies in Education (UNESCO IITE), the Commonwealth of Learning (COL), the International Society for Technology in Education (ISTE), the Arab League Educational, Cultural and Scientific Organization (ALESCO), and the Southeast Asian Ministers of Education Organization (SEAMEO), jointly launched the "Global Smart Education Network (GSENet)." which released the "Global Smart Education Strategic Initiative" and the research report 'International Understanding of Smart Education in the Context of Digital Transformation," aimed at fostering a global consensus on smart education and continuously seeking ways to leverage new technologies to promote equitable and inclusive quality education for all.

As the annual conference of GSENet, the 2025 Global Smart Education Conference (GSE 2025) will be held in Beijing from August 18-20. This conference will focus on "Human-AI Collaboration: Reshaping the Educational Ecosystem for the Future". It will feature a series of events, including plenary sessions, parallel forums, high-level policy dialogues, workshops, and roundtable discussions. It will showcase and exchange best practices, research and solutions in smart education, foster global collaboration and networking, and explore new pathways for implementing smart education for the future of the planet and the people.

THEMATIC FORUMS

- Human-AI Collaboration in Educational Transformation
- Artificial Intelligence and the Future of Learning Environments
- Data Governance and Ethical Standards
- Digital Platforms and Public Services
- Student Well-Being
- Integration of Technology-Education-Industry Research

Global Smart Education Network

Network with the best for promoting smart education for all.

GSE CONFERENCES

CONFERENCE HIGHLIGHTS

Attendees

- **17** Academicians
  2 Nobel Laureates
- **1700+** Guest Speakers
- **100+** Countries

Forums

- **1300+** Keynote Speeches
- **90+** Forums
- **300+** Regions & Schools

Enterprises

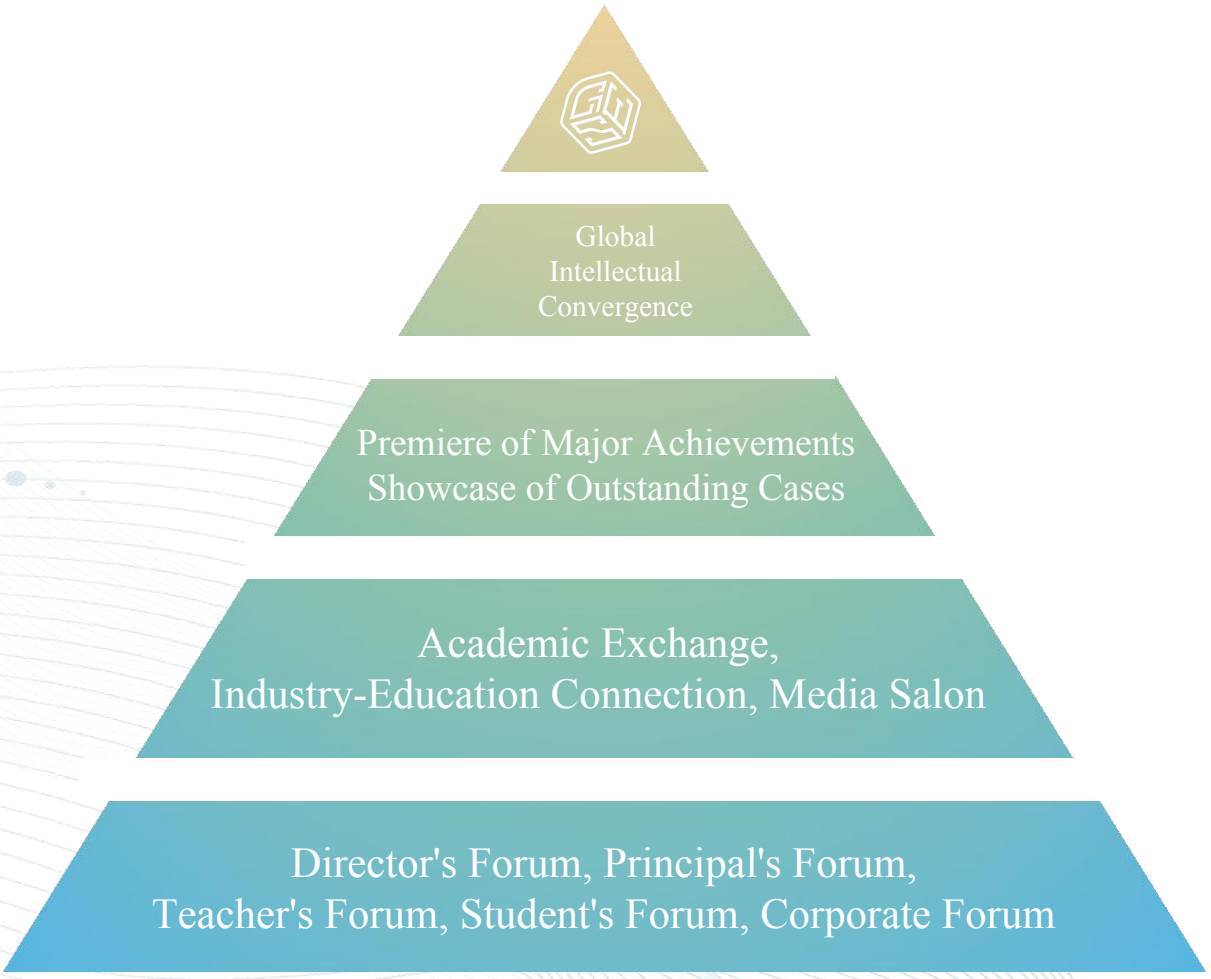
- **150+** Exhibitors
- **80+** Sponsors
- **5** Exhibitions

Achievements

- **1000+** Best Practices
- **30+** Research Reports
- **6** Platforms

Media

- **20 million+** Live Stream Views
- **20+** Live Stream Channels
- **150+** Supporting Media



REMARKABLE VIEWS

Stefania Giannini

UNESCO Assistant Director-General for Education

"The design and use of technology should be in the service of people - to enhance human capacity, protect human rights, and ensure sustainable development. Going forward, inclusion must be the yardstick of every policy. "

Branko Ruzic

The Then First Deputy Prime Minister and Minister of Education, Science, and Technological Development of Serbia

"The practical exploration of China's digital transformation of education has brought great inspiration to Serbia. Serbia is actively improving the construction of educational infrastructure, enhancing the digital ability, promoting the digital transformation of education, and improving the flexibility and quality of education."

Leela Devi Dookun-Luchoomun

The Then Vice Prime Minister and Minister of Education, Tertiary Education, Science and Technology, Mauritius

"Human well-being should consistently be at the centre of concern in digital transformation, and human intelligence and AI should coexist harmoniously and help each other forward."

Amal El Fallah Seghrouchni

Minister of Digital Transit and Administration Reform, Morocco

"It is essential to strike a balance between innovation and regulation to ensure that artificial intelligence technology can reach its full potential in education, while also promoting the sustainable development of education."

Justin Valentin

Minister of Education, Seychelles

"Seychelles places great importance on integrating technology into education management and classroom practices. Through interdepartmental collaboration, the country supports remote and open education, enhancing the accessibility of education."

Lucas Dawa Dekena

MP. Minister for Education. Papua New Guinea

"Smart education is crucial for bridging the technology gap and promoting educational equity and inclusivity. Papua New Guinea is improving the quality of education through initiatives such as building digital infrastructure, updating curricula, and developing remote learning and STEM education."

Maryam Mariya

The Then Minister of Higher Education, Human Resources, and Skills Development, Maldives

"The integration of artificial intelligence and education will profoundly impact teaching and social development. The Maldives is advancing inclusive and innovative education through measures such as developing plans and expanding online learning platforms. The goal is to transform every island into a learning hub, fostering global educational cooperation and sharing."

Susil Premajayantha

The Then Minister of Education, Sri Lanka

"Policies for digital transformation play a crucial role, and smart education would undoubtedly significantly promote educational digital transformation."

Azat Atayew

Vice Minister of Education, Turkmenistan

"The application of digital technology in education is a trend for future development. With the development of network technology, online learning methods and traditional education models will gradually be integrated. "

BO Chankoulika

Under-secretary of state, Ministry of Education, Youth and Sport,, Combodia

"The education system must undergo transformation to adapt to the rapidly changing technological and social developments. It is crucial to cultivate students with adaptability, collaboration skills, critical thinking, and digital literacy."

KILO Vivian ASHERI

Secretary of State to the Minister of Basic Education, Cameroon

"Cameron will adopt multiple strategies to prioritize the development of digital capabilities and drive educational transformation to meet the demands of a digital society."

Randa Shaheen

First Undersecretary, Ministry of Education, Egypt

"Technology and artificial intelligence have, on one hand, driven our progress, but on the other hand, they have also posed challenges and risks to human existence. Therefore, we need to integrate human efforts to ensure our survival, while safeguarding human independence in the face of AI development, in order to achieve a better balance of progress."

Mark Boris Andrijanič

Former Minister of Digital Transformation of Slovenia

"Five guiding principles for leading digital transformation include: ensuring that no one is left behind, breaking free from traditional thinking patterns, early engagement, increasing engagement through enjoyment, and establishing collaborative relationships. "

Monserrat Creamer

Former Minister of Education in Ecuador

"We can build a new rural education paradigm through blended learning, teacher training, community and family involvement, and multi-grade cooperative learning to ensure the sustainable development of rural education."

Asha S. Kanwar

Chair of the Governing Board of the UNESCO IITE,
Former President and CEO of Common Wealth of Learning

"Smart education should be pleasant, engaging, efficient, effective and moral."

Mohamed Ould Amar

Director General of ALECSO

"Great energy of science and technology in educational transformation is currently promoting AI-related projects in member countries, launching educational platforms to help the younger generation enter the metaverse world."

Habibah Abdul Rahim

Director of SEAMEO Secretariat

"In Southeast Asian countries, two key consensuses have been reached in advancing digital transformation in education: firstly, promoting policy formulation and nurturing digital leadership among policymakers, and secondly, responding to local needs and encouraging community participation."

Richard Culatta

CEO of ISTE & ACSD

"Teaching young individuals the principles and practical skills of AI is essential to empower them in utilizing AI to find solutions to problems. However, it is equally important to cultivate uniquely human attributes such as empathy and compassion."

Francesc Pedró

Director of UNESCO IESALC

"Universities have the unique advantages in formulating AI-related ethical norms and policies and called for strengthened cooperation in the international education community to promote responsible AI development."

Quentin Wodon

Director of UNESCO IICBA

"Policy dialogues and teacher training are essential to effectively integrate AI and digital technologies into education. "

Torunn Gjelsvik

Secretary General of the International Council for Open and Distance Education (ICDE)

" Digital education and lifelong learning should be inclusive, scalable, and sustainable."

Ahmed Ansary

Founder and President of Asia e University

"A student-centered approach that integrates AI, VR, and other technologies will promote inclusive, flexible, and personalized educational development. ."

Elijah I. Omwenga

Vice Chancellor of the Open University of Kenya

" Digital education has had a significant global impact, and Kenya has made innovative efforts to overcome the challenges posed by this transformation."

Teng Waninga

Vice Chancellor of the University of Goroka

"Papua New Guinea, along with other South Pacific island nations, faces challenges in promoting smart education and lifelong learning, including insufficient technology and infrastructure, outdated teacher training programs, and inadequate resource allocation."

Andreas Schleicher

Director for the Directorate of Education and Skill, OECD

"The effectiveness of technology depends on students' initiative, self-management, and mastery of learning strategies."

Mammo Muchie

Fellow at the South African Academy of Science

"The international community should work together to build a cyberspace and a cyberspace community of a shared future of peace, security, openness, cooperation and order. 'Inclusivity' should become the core essence of education policy-making in all countries."

Worsak Kanok-Nukulchai

Fellow of the Royal Thai Academy of Sciences

"Artificial intelligence is the 'new electricity' of the intelligence era. The democratization and widespread application of artificial intelligence can promote equality and fairness in ten aspects, including improving accessibility and quality of education, enhancing healthcare, boosting agriculture, growing local businesses, and establishing communication networks. "

Christopher Dede

Professor of Harvard University

"Artificial intelligence and machine learning have become partners to humanity, playing a significant role in various professions by providing the necessary knowledge and skills."

Rebecca Eynon

Professor of University of Oxford

"It is crucial to shift our focus towards acknowledging the growing influence of computer scientists, physicists, and engineers in this field, rather than overly concentrating on educators and their perception of the future of education."

Marc Prensky

American speaker, author, and consultant, and the originator of the concepts 'digital natives' and 'digital immigrants'

"The seven key characteristics of the Millennial generation include: making a positive impact in the real world, pursuing the essence of truth, L.E.G.O. (Love, Empathy, Gratitude, Optimism) and T.R.I.C.K. (Reflective Thinking, Insight, Creativity, Curiosity), adapting to change, self-education, global citizenship, and becoming a 'symbiotic human hybrid'."

WANG Jiayi

Vice-Minister, Ministry of Education, China

"The Chinese government places great emphasis on the critical role of digitalization in driving educational reform. For three consecutive years, it has implemented the national digital education strategy, prioritizing practical applications. Adhering to the principles of integration, intelligence, and internationalization, the government is fully committed to building a national smart education platform to effectively support the modernization of education."

ZHAO Qinping

Academician of Chinese Academy of Engineering

" In the era of intelligence, learners expected a more flexible, ubiquitous and networked environment of smart learning to realize cooperative and inquiry-based 'real' learning by combining virtuality and reality. "

YU Jihong

Academician of Chinese Academy of Science, President of BNU

"Adhering to the principle of education for the individual, with the aim of promoting the comprehensive and free development of people, we focus on cultivating the skills and capabilities necessary for the intelligent era. We maintain a problem-oriented approach, addressing practical challenges, iterating application models, and driving innovation in real-world scenarios. We also emphasize the balance of preserving core values while fostering innovation, aiming to reconstruct teachers' competencies and literacy in the intelligent age."

PAN Yunhe

Academician of Chinese Academy of Engineering

"With the arrival of the big data era, the world has entered a new triadic space, which adds an information space to the traditional binary space."

ZHANG Jun

Academician of Chinese Academy of Engineering

"Driven by technologies such as data collection, knowledge graphs, the metaverse, and large models, green education collects data at three levels—teaching resources, behavioral states, and educational outcomes—achieving a thorough perception of education."

CHENG Jie

Academician of Chinese Academy of Engineering;
The Then Vice Minister, Ministry of Education, China

"As a new form of education in the digital age, smart education is an inevitable choice for advancing high-quality, inclusive education and ensuring lifelong learning opportunities for all."

WANG Yaonan

Academician of Chinese Academy of Engineering

"The digital technology system, built around memory technology, perception technology, action planning, and machine learning, forms the cornerstone of a highly autonomous and networked closed-loop control system, as well as diverse application scenarios."

WU Hequan

Academician of Chinese Academy of Engineering

"5G technology has promoted the upgrades of high-definition video and VR/AR/MR. It realized not only the low-delay live-streaming for teacher-student real-time interaction but diverse functions including virtual teachers and teacher assistants, promoting the innovation of talent cultivation mode."

ZHENG Qinghua

Academician of Chinese Academy of Engineering

"Artificial intelligence is empowering scientific research, and AI for Science is giving rise to a new paradigm in scientific inquiry."

LV Jian

Academician of Chinese Academy of Science

"Educators should integrate and unify the way of educating people, the way of the great learning, and the way of the times."

CHEN Xiaohong

Academician of Chinese Academy of Engineering

"In addressing the challenges posed by digital intelligence technology, and in cultivating future talents, higher education institutions should prioritize interdisciplinary collaboration and innovative education. The emphasis should be on nurturing innovative, applied, and versatile talents."

DU Zhanyuan

The Then Vice Minister of the Ministry of Education, P.R.China

"Increasing efforts to promote the deep integration of information technologies and education and reforming the education system under the framework of traditional industrial society are the necessary ways to achieve the development goal of the Education Modernization 2030 Plan."

GAO Xiang

Academician of Chinese Academy of Engineering

"In the future, it will be necessary to integrate AI, energy, and talent development to create new platforms for talent cultivation."

Wushouer Silamu

Academician of Chinese Academy of Engineering

" Future intelligent education will undergo improvements in both teacher resources and instructional resources. This involves leveraging research outcomes based on accumulated scenario data and high-quality teaching methods. By relying on image recognition, speech recognition, and adaptive technologies, intelligent systems will intelligently match relevant instructional content, creating artificial intelligence courses to enhance the availability of high-quality teacher resources. "

ZHANG Jingzhong

Academician of Chinese Academy of Science

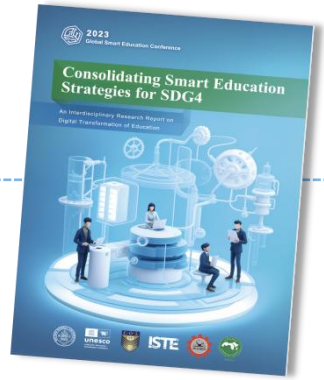
"The discipline-based education software is resilient and dynamic. The mathematics intelligent education software can reduce the difficulty of teaching, increase the fun of teaching, and promote the digital transformation of education."

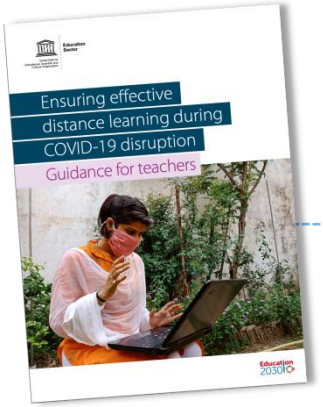
MO Yan

Nobel Laureate in Literature

"Lifelong learning becomes exceptionally important in the age of intelligence. To stay in sync with the times and avoid becoming obsolete, individuals must continually keep pace with new developments and learn new things."

CONFERENCE OUTCOMES





Scan to download

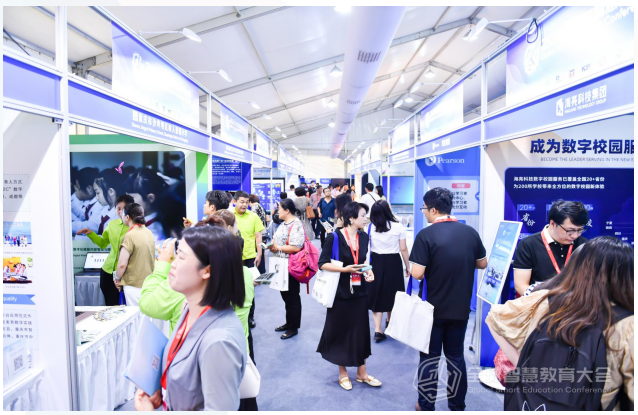
Call for Collaboration

Since 2016, GSE has served as a platform for showcase of numerous groundbreaking research and projects.

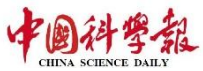
Research teams are invited to contact us regarding the release of their results.

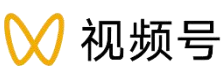
CASE COLLECTION

EXHIBITION

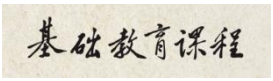


INTENDED INVITATION TO MEDIA





INTENDED INVITATION TO MEDIA



Invitation

We are pleased to invite you to attend the 2025 edition of the Global Smart Education Conference (GSE2025), co-organized by Beijing Normal University (BNU) and UNESCO Institute for Information Technologies in Education (UNESCO IITE) from **18th to 20th August 2025 at Beijing Normal University (BNU), China.**

Since 2020, the Global Smart Education Conference (GSE) has been recognized as the flagship annual event of the Global Smart Education Network (GSENet). With the strong support of GSENet members, the conference serves as a global platform for advancing research, policy dialogue, and best practices in smart education. GSENet member institutions actively contribute to the organization of key forums and thematic discussions, fostering global collaboration in the field. GSENet is dedicated to promoting high-quality and inclusive education through networking and knowledge exchange. It has 17 members members now, including BNU, UNESCO IITE, COL, ISTE, ALECSO, SEAMEO, AeU, HBMSU, IICBA, ICDE, MICAI, OUK, OU, IESALC, UOG, Contact North, and IFHT.

Smart education is a comprehensive approach that represents the future direction of educational transformation, driven by continuous technological innovation. As intelligent technologies become a pivotal force in this evolution, the advanced capabilities of large language models will enable intelligent agents to drive the development of multi-domain, human-machine collaborative teaching. This will foster bi-directional empowerment through collaborative learning and decision-making, ultimately shaping an inclusive, dynamic, and intelligent educational ecosystem.

GSE2025 will be dedicated to the theme of ***Human-AI Collaboration:Reshapingthe Educational Ecosystem for the Future***, featuring a series of events, including plenary sessions, parallel forums, high-level policy dialogues, workshops, and roundtable discussions. Key topics range from Human-AI Collaboration in Educational Transformation, Artificial Intelligence and the Future of Learning Environments, Data Governance and Ethical Standards, Digital Platforms and Public Services,Student Well-Being to Integration of Technology-Education-Industry Research.

We cordially invite policymakers, researchers, educators, technology developers, teachers, students, and industry leaders from around the world to participate in this important global event. We also welcome proposals for co-hosting forums, recommendations for keynote speakers, and nominations for the Global Smart Education Innovation Prize (GSE Prize). Your engagement and insights will be invaluable in shaping the future of smart education.

We look forward to your positive response and to welcoming you this August in Beijing! Please feel free to contact us at gse@bnu.edu.cn for further inquiries.

ZHAN Tao
Director,
UNESCO IITE

HUANG Ronghuai
Co-Dean,
Smart Learning Institute of BNU

—Official Website—

稿定文化组委会

Organizing Committee of GSE

Web: https://gse.bnu.edu.cn

E-mail：gse@bnu.edu.cn

Mob：+86-13671076106 / +86-18612632382
(Cooperation Inquiries)

+86-18001145371
(Register for the Conference)

Add：12F,Block A, Jingshi Technology Building,No.12Xueyuan South Road, Haidian District, Beijing,100082, P.R.China